

INTERNATIONAL SEARCH REPORT

International application No.

PCT/JP2005/004023

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ F02B33/00, 37/04, 37/10, 37/12, 39/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ F02B33/00, 37/04, 37/10, 37/12, 39/10, F02D23/00

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Jitsuyo Shinan Koho	1922-1996	Jitsuyo Shinan Toroku Koho	1996-2005
Kokai Jitsuyo Shinan Koho	1971-2005	Toroku Jitsuyo Shinan Koho	1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X Y	JP 6-288246 A (Isuzu Motors Ltd.), 11 October, 1994 (11.10.94), Par. Nos. [0015], [0016]; Figs. 1, 2 (Family: none)	1 2-4
Y	JP 2002-115553 A (Nissan Motor Co., Ltd.), 19 April, 2002 (19.04.02), Fig. 107 & US 20030051474 A1 & EP 1195506 A1	2-3
Y	JP 2001-336433 A (Nissan Motor Co., Ltd.), 07 December, 2001 (07.12.01), Par. No. [0116] (Family: none)	3, 4

☐ Further documents are listed in the continuation of Box C.☐ See patent family annex.

* Special categories of cited documents:

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"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the international search
10 May, 2005 (10.05.05)

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24 May, 2005 (24.05.05)

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Japanese Patent Office

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